

Figure 1

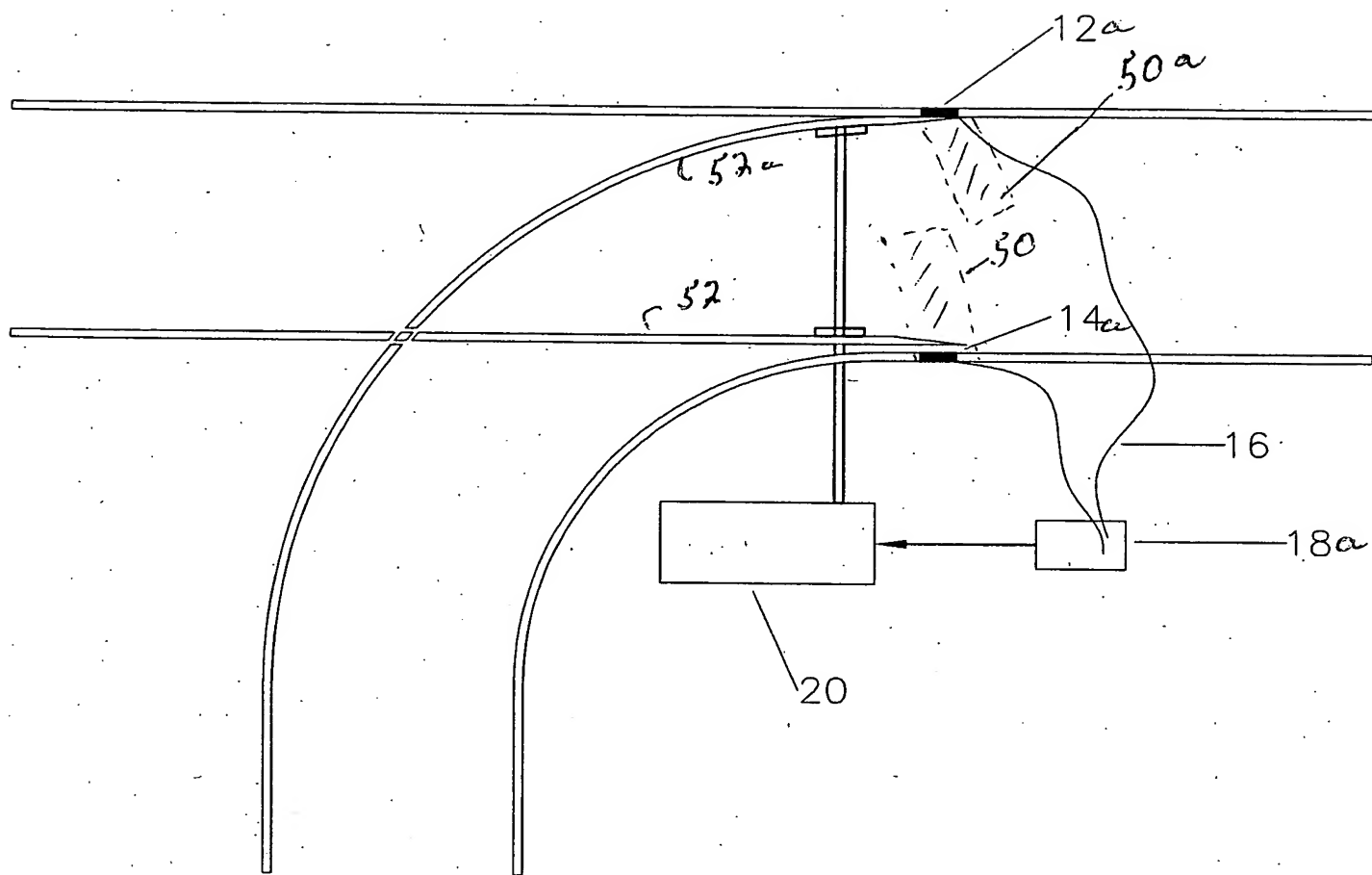


FIGURE 2

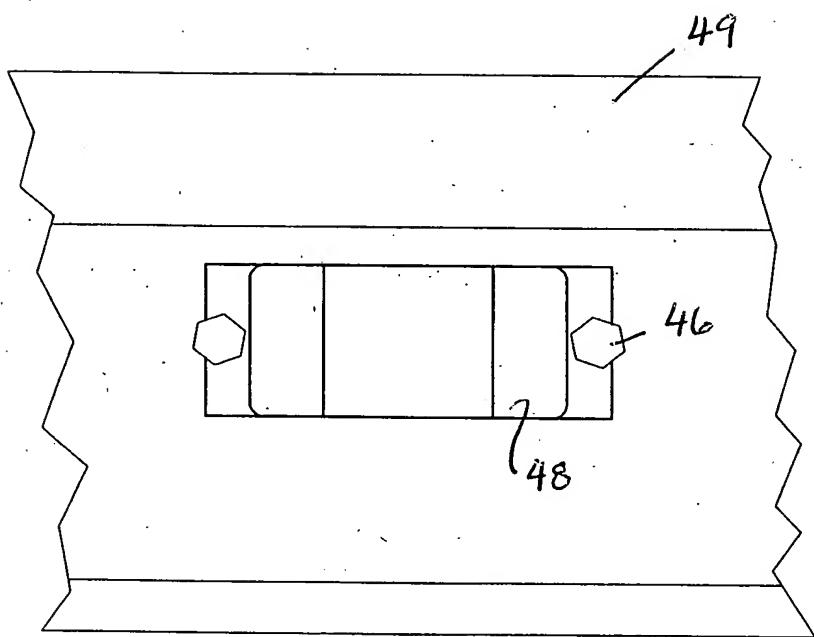


FIGURE 3a

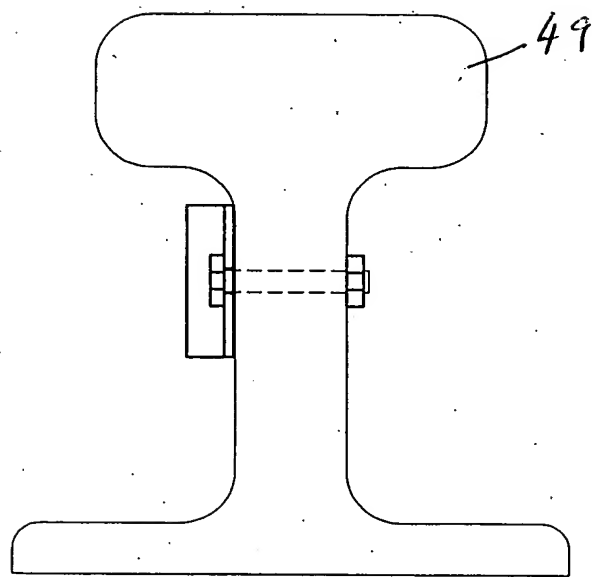


FIGURE 3b

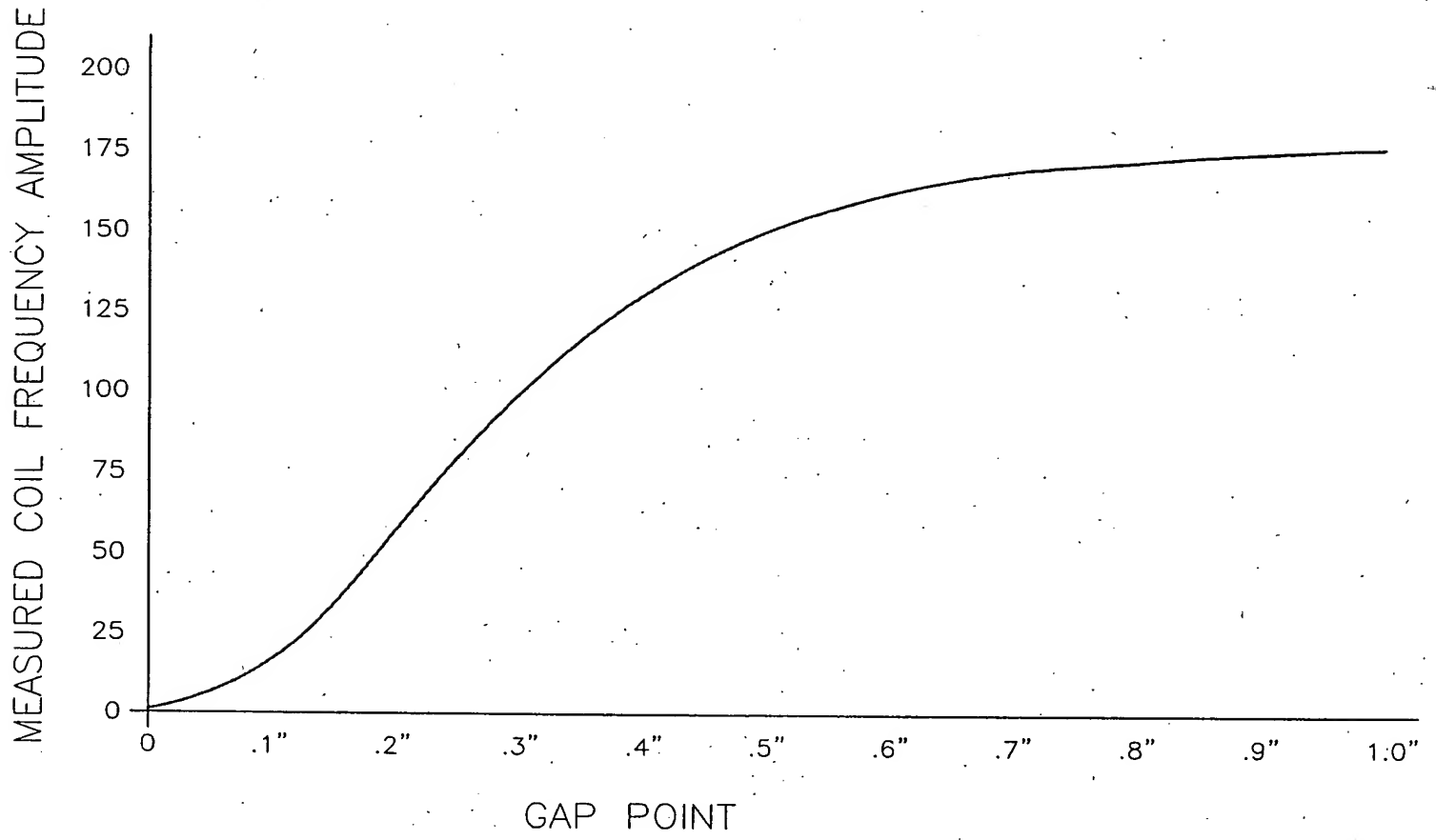
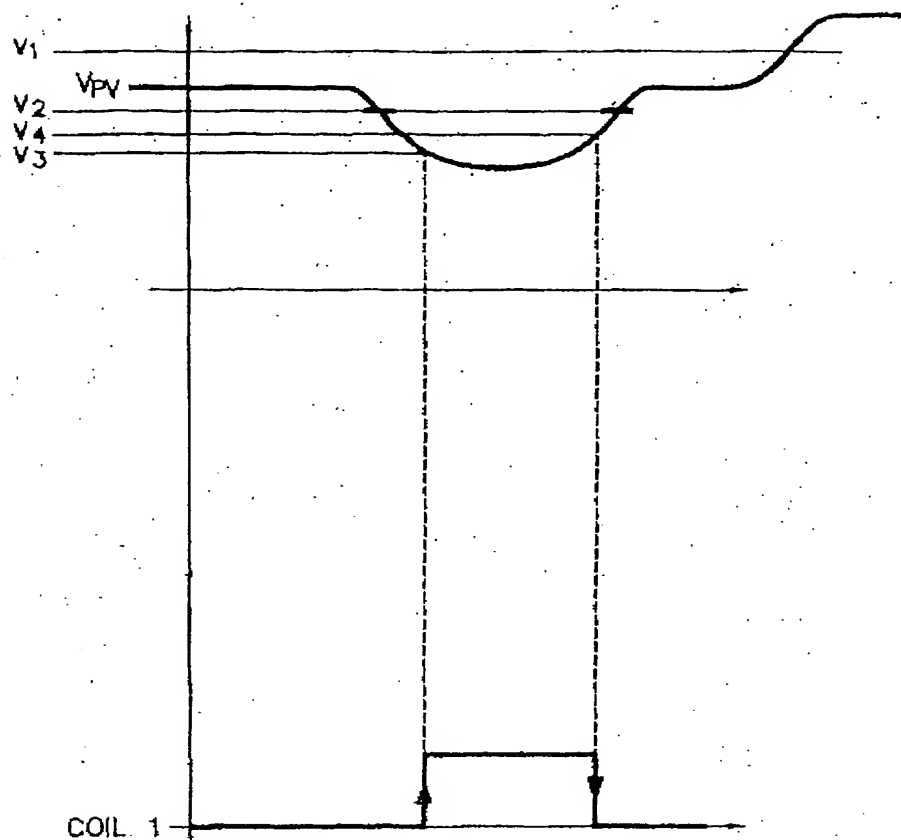


FIGURE 4



Digital representation of the above
analog signals inverted

- V_{PV} Power-up calibration point/compensation
- V_2 Point where AUTO Compensation is halted
- V_4 Point where the rail is out of the field
- V_3 Point where the rail is detected
- V_1 Point when the sensor has fallen off the rail
- $V_4 - V_3$ = the hysteresis

Figure 5